| U.S. Departm                  | ent of Co                              | mmerce, Patent ar   | Atty. Docket No. Serial No.                      |                         |                                 |  |  |             |  |  |
|-------------------------------|--|---|--|-------------------------|---------------------------------|--|--|-------------|--|--|
|                               |  | ,   | M-15363 US                                       | Not yet assigned        |                                 |  |  |             |  |  |
| INFOR                         | MATION                                 | N DISCLOSURE S  | Applicant(s)                                     | 140t yet assigned       |                                 |  |  |             |  |  |
|                               |  | (Use several shee   | Stanislov I. Ionov et al.                        |                         |                                 |  |  |             |  |  |
|                               |  | (05000000000000000000000000000000000000   | Filing Date Group                                |                         |                                 |  |  |             |  |  |
|                               | ·                                      |   | Herewith   |                         | Not yet assigned                |  |  |             |  |  |
|                               |  |   | IIC I  | Patent Documents        | Herewith                        |  | Not yet assi                                     | gnea        |  |  |
| *Examiner                     | 1                                      | Document  | 0.5.1  | Patent Documents        | <del></del>                     | <u> </u>                                     | Filing   | Date        |  |  |
| Initial                       |  | Number  | Date   | Name                    | Class                           | Subclass                                     | If Appro   |             |  |  |
| NC                            | AA                                     | 6,266,173   | 07/24/2001                                       | Hayes                   |                                 |  |  |             |  |  |
| NC                            | AB                                     | 6,456,422   | 09/24/2002                                       | Hayes et al.            | _                               | . :  |  |             |  |  |
| NC                            | AC                                     | 6,462,860   | 10/08/2002                                       | Ionov                   |                                 |  | ·  |             |  |  |
| NC                            | AD                                     | 6,466,703   | 10/15/2002 .                                     | Ionov                   |                                 |  |  | •           |  |  |
|                               | AE.                                    |   |  |                         |                                 |  | <del></del>                                      |             |  |  |
|                               | AF                                     |   |  |                         |                                 |  | -  |             |  |  |
|                               | AG                                     |   |  |                         | •                               |  |  |             |  |  |
|                               | AH                                     |   |  |                         |                                 | ·  |  | -           |  |  |
|                               | AI                                     | ·   |  |                         |                                 |  |  |             |  |  |
|                               | AJ                                     |   |  |                         |                                 |  | <del> </del>                                     | <del></del> |  |  |
|                               | AK                                     |   |  |                         |                                 |  | <del>                                     </del> |             |  |  |
|                               | _!                                     |   | Foreign  | Patent Documents        | <u> </u>                        | <u>.                                    </u> | - <del> </del>                                   | <del></del> |  |  |
|                               | ·                                      |   |  |                         |                                 |  | Tran   | slation     |  |  |
| -                             |  | Document  | Date   | Country                 | Class                           | Subclass                                     | Yes  | No          |  |  |
|                               | AL                                     |   | <u> </u>   |                         |                                 |  |  | +-          |  |  |
|                               | AM                                     |   | <del>                                     </del> |                         | _                               |  |  | +           |  |  |
|                               | AN                                     |   |  |                         | 1                               | <del></del>                                  |  | +           |  |  |
|                               | AO                                     |   |  |                         |                                 |  | <del> </del>                                     | +           |  |  |
|                               | AP                                     |   |  |                         |                                 |  |  | +-          |  |  |
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| NC                            | AQ                                     | OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)  "Nonlinear Fiber Optics," Second Edition, by Govind P. Agrawal, The Institute of Optics, University of Rochester, New York, pgs. 28-50, 60-75, and 89-111 |  |                         |                                 |  |  |             |  |  |
| NC                            | AR                                     | "Comparison of Interferometric All-Optical Switches for Demultiplexing Applications in High-Speed OTDM Systems," Colja Schubert et al., Journal of Lightwave Technology, Vol. 20, No. 4, April 2002                         |  |                         |                                 |  |  |             |  |  |
| NC                            | AS                                     | "160-Gb/s All Optical Demultiplexing Using a Gain-Transparent Ultrafast-Nonlinear Interferometer (GT-UNI)," by C. Schubert et al., IEEE Photonics Technology Letters, Vol. 13, No. 5, May 2001                              |  |                         |                                 |  |  |             |  |  |
| Examiner                      | /Nath                                  | han Curs/ Date Considered 03/14/2007  |  |                         |                                 |  |  |             |  |  |
| EXAMINER:<br>itation if not i | Initial if                             | reference conside nance and not cons  | red, whether or not<br>idered. Include co        | t citation is in confor | mance with MPI<br>your communic | EP 609; Draw<br>ation to applic              | line through<br>ant.                             | ,           |  |  |

Sheet 2 of 2

| U.S. Departm                | ent of Co  | mmerce, Patent and  | Atty. Docket                                     | No.  | Serial No.                      |                                       |                            |             |  |  |  |  |
|-----------------------------|------------|---|--|--|---------------------------------|---------------------------------------|----------------------------|-------------|--|--|--|--|
|                             |            |   | M-15363 US                                       |  | Not yet assigned                |                                       |                            |             |  |  |  |  |
| INFOR                       | MATIO      | N DISCLOSURE S  | Applicant(s)                                     |  |                                 |                                       |                            |             |  |  |  |  |
|                             |            | (Use several sheet  | Stanislov I. Ionov et al.                        |  |                                 |                                       |                            |             |  |  |  |  |
|                             |            |   | Filing Date                                      |  | Group                           |                                       |                            |             |  |  |  |  |
|                             |            |   | Herewith   |  | Not yet assigned                |                                       |                            |             |  |  |  |  |
|                             |            |   | U.S. Pa  | tent Documents                               |                                 |                                       |                            |             |  |  |  |  |
| *Examiner<br>Initial        |            | Document<br>Number  | Date Name  |  | Class Subclass                  |                                       | Filing Date If Appropriate |             |  |  |  |  |
| - Internal                  | AA         | Number  | Date   | Name   | Class                           | Subclass                              | II Appro                   | priate      |  |  |  |  |
|                             | AB         |   |  | -  |                                 | ·                                     |                            | <del></del> |  |  |  |  |
| <del></del>                 | AC         |   |  |  |                                 |                                       | <del> </del>               | <del></del> |  |  |  |  |
|                             | AD         |   |  |  |                                 |                                       | <del>-</del>               |             |  |  |  |  |
|                             | AE         |   | <del>                                     </del> |  | <del></del>                     |                                       | <del>- </del>              |             |  |  |  |  |
|                             | AF         |   |  | <del></del>                                  | <del>-   </del>                 |                                       | <u> </u>                   |             |  |  |  |  |
| ·                           | AG         |   |  |  |                                 |                                       | +                          |             |  |  |  |  |
|                             | AH         |   | <del>                                     </del> |  |                                 | • .                                   | <del></del>                |             |  |  |  |  |
|                             | AI         | <del> </del>  |  |  |                                 |                                       | <del> </del>               |             |  |  |  |  |
|                             | AJ         |   |  | <del></del>                                  |                                 |                                       |                            |             |  |  |  |  |
|                             | AK         |   |  |  |                                 |                                       | +                          |             |  |  |  |  |
|                             |            | ,   | Foreign P  | atent Documents                              |                                 |                                       | <u> </u>                   |             |  |  |  |  |
|                             | -          |   | Translation                                      |  |                                 |                                       |                            |             |  |  |  |  |
| •                           |            | Document  | Date   | Country                                      | Class                           | Subclass                              | Yes                        | No          |  |  |  |  |
|                             | AL         |   |  |  | •                               | · · · · · · · · · · · · · · · · · · · |                            |             |  |  |  |  |
|                             | AM         |   |  |  |                                 |                                       |                            |             |  |  |  |  |
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|                             | AO         |   |  |  |                                 |                                       |                            |             |  |  |  |  |
|                             | AP         |   |  |  |                                 |                                       |                            |             |  |  |  |  |
|                             |            | OTHER A   | ART (Including Aut                               | hor, Title, Date, Pe                         | rtinent Pages, Et               | c.)                                   |                            |             |  |  |  |  |
| NC                          | AQ         | "40-Gb/s Demultiplexing Using an Ultrafast Nonlinear Interferometer (UNI)," by N. S. Patel et al., IEEE Photonics Technology Letters, Vol. 8, No. 12, December 1996 |  |  |                                 |                                       |                            |             |  |  |  |  |
| NC                          | AR         | "Gain-Transparent SOA-Switch for High-Bitrate OTDM Add/Drop Multiplexing," by S. Diez et al., IEEE Photonics Technology Letters, Vol. 11, No. 1, January 1999       |  |  |                                 |                                       |                            |             |  |  |  |  |
|                             | AS         |   |  |  |                                 |                                       | •                          |             |  |  |  |  |
| Examiner                    |            | han Curs/   | Date Considered                                  | 03/14/200                                    |                                 |                                       |                            |             |  |  |  |  |
| *EXAMINER citation if not i | Initial in | f reference consider<br>nance and not consi   | ed, whether or not of<br>dered. Include cop      | citation is in confor<br>y of this form with | mance with MPE your communicate | EP 609; Draw<br>tion to applic        | line through<br>ant.       |             |  |  |  |  |